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Rollins College Winter Term 1994

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ROLLINS COLLEGE

WINTER TERM 1994

THE ROLLINS COLLEGE WINTER TERM

Scholarly inquiry, creativity, experimentation, exploration — all are fostered by the lively winter term curriculum of Rollins College. January term offers faculty and students the opportunity to devote their energies to a single course or project.

Students may choose to:

- delve into subjects they have never tried before;
- dance, act, or play an instrument for the first time;
- sharpen research skills in the library or the laboratory;
- explore unusual topics and unconventional ways of learning;
- put theory into practice through internships;
- undertake senior projects in preparation for graduate study;
- take courses involving travel to foreign countries or other regions of the United States;
- exchange places with students from other colleges and universities; or
- study with visiting professors from universities abroad or from other American institutions.

Adding to the vitality of the College's winter term are extracurricular activities including plays, films, concerts, special lectures, and sporting events.

In the center of the academic year, the winter term is an integral part of the Rollins educational experience.

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VISITING FACULTY

Each January Rollins attracts outstanding scholars as guest faculty, affording students the opportunity to study with professors from distant places without leaving campus. Among our distinguished guests are instructors from countries which host Rollins programs abroad. Their presence enriches the winter term curriculum and encourages student interest in international studies.

RICHARD CLINTON, B.A., M.A.(History), M.A. (Latin American Studies), Vanderbilt University; Ph.D., University of North Carolina at Chapel Hill. Dr. Clinton will hold the 1993-94 Alfred J. Hanna Distinguished Visiting Professorship in Latin American and Caribbean Affairs. He is presently Professor of Political Science at Oregon State University, where he teaches courses in American Foreign Policy, International Relations, Latin American Politics, and Alternative Futures. In addition to a substantial record of scholarly publications, Dr. Clinton has received many professional awards including a Fulbright Senior Lectureship, a National Institutes of Health Fellowship, a Ford Foundation Travel Grant, National Science Foundation grants, and a National Council on U.S.-Arab Relations Fellowship. (See LACA 407X, *Alternative Futures for Latin America*.)

WILLIAM R. LEVIS, B.F.A., University of Oklahoma; M.A., Ph.D., University of Minnesota. Dr. Levis is the Artistic Director of the Globe Actors Space, Sydney, Australia and Associate Professor/Director of the M.F.A. Professional Actor Training Program at Florida State University. He has taught at Gustavus Adolphus College, the University of Minnesota, the University of West Sydney, the Julliard School, and the Ballarat College of the University of Melbourne. Dr. Levis combines his directing and acting career with teaching at various North American Universities each year. (See AU-TA 292W *Australian Film and Drama*)

MARION LILLIAN MANTON, B.Sc., Dip.Ed., University of Sydney; M.S., University of Hawaii; Ph.D., Columbia University. Dr. Manton has held lectureships in Biological Sciences at the Sydney College of Advanced Education and Macquarie University; she is presently a lecturer at the University of Sydney. A specialist in vertebrate zoology, Dr. Manton has published in the areas of neurobiology and sensory physiology. Previous awards include: Fulbright Scholar, State University of New York; East West Centre Scholar, University of Hawaii; and Commonwealth Scholar,

University of Sidney. (See AU-B 125W, *The Evolution of the Australian Biota*.)

COLE SCHOLAR. For the twelfth consecutive year, the Gertrude Cole Scholarship Endowment will permit an educator from England to spend three months at Rollins pursuing research on the American educational system. The 1994 Cole Scholar is the Reverend **JAMES PULLEN**, M.A., B.Sc., Housemaster and Chaplain of Haileybury College, Hertford, England. Revd. Pullen holds degrees in mathematics and theology from London and Oxford Universities, and is an ordained priest of the Church of England. (See R 140W *Costing Not Less Than Everything: The Ethical Teachings of Jesus*.)

GENERAL INFORMATION

COURSE CREDITS

General Education Requirements

Courses which satisfy general education requirements are designated by the appropriate letters within the course listing and course descriptions. The only general education requirements that can be satisfied during this winter term are:

- (C) Knowledge of Other Cultures,
- (L) Literature,
- (M) Mathematical Methods,
- (N,O, and P) The Natural World,
- (S) Knowledge of Contemporary American Society, and
- (V) Decision Making and Valuation.

Courses on Campus

Students receive letter grades in winter term courses unless they elect to take a course for credit/no credit or unless evaluation on the basis of credit/no credit is specified by the instructor in the course description.

A winter term course taken for credit/no credit is not counted among the four courses which students may take credit/no credit in the regular curriculum, but it must be taken as an elective.

Credit/No Credit Policy

Students must notify the Registrar's Office in writing, no later than one week after the beginning of the winter term, that they wish to take a course on a credit/no credit basis rather than for a grade. Courses in the major field and general education requirements must be taken for a grade. A credit/no credit course must be either an elective or an internship. A student may not subsequently receive a grade for a course elected to be taken on a credit/no credit basis. Students who earn a C- or better

in a course taken for credit receive a mark of CR and the appropriate number of course units. Students earning less than a C- receive a mark of NC. In either case, the grade point average is not affected.

Students undertaking tutorials and research projects on campus usually receive letter grades. Off-campus independent studies and internships are evaluated on a credit/no credit basis. It is recommended that internships carry no more than one course unit credit.

Instructors may offer Off-Campus Studies on a credit/no credit basis or a letter-graded basis subject to the approval of the Academic Affairs Committee.

REGISTRATION PROCEDURE

Specific winter term offerings for January 1994 are listed alphabetically on the following pages. A combined winter and spring term registration will be held November 8-12. Students may drop and/or add classes for winter term from January 3-5. Students are expected to devote a minimum of forty hours per week to their academic work, so no student may register for more than one course or independent study project during the winter term.

INDEPENDENT STUDIES

Independent Studies add a new dimension to the curriculum by encouraging intellectual curiosity, initiative, and sustained effort. Independent Studies are classified as tutorials, research projects, or internships.

Tutorials

Working under the close supervision of a faculty member, students read primary and secondary material and/or work in a laboratory or studio setting. Evaluation is usually based on a paper, an examination, or both. A tutorial cannot normally duplicate a course that is regularly offered. The student must meet with the instructor for a minimum of three hours per week during winter term. Normally, sophomore status is required.

Research Projects

To qualify, a student must already have acquired the knowledge and skills necessary to do the research. This implies that the research is in the major (or a closely allied field) and that the student has achieved junior or senior status. Such projects usually involve original research with primary materials or original work in the laboratory or studio.

Approval of Tutorials and Research Projects

The purpose of the approval process is to ensure that independent studies are compatible with the philosophy

and nature of the entire curriculum and to give students adequate time to formulate a well-defined study by the end of the term preceding the one in which it is to be carried out.

Preliminary proposals for independent study must be submitted for approval to the departments by October 15, 1993. Upon approval by the majority of the members of the department, they are submitted to a sub-committee of the Academic Affairs Committee through the Dean of the Faculty to ensure final action prior to the last week of the term.

Internships

An internship is a planned, supervised, experiential, educational course project that is undertaken for the purpose of acquiring and applying knowledge through direct experience. It contrasts with an independent study/research project, which focuses on the "academic study" of a subject rather than direct experience. There are many credit-bearing internship opportunities available to Rollins students who have completed at least eighteen (18) courses/course units and have at least a 2.8 GPA.

All internships, whether or not they carry academic credit, are coordinated by the Office of Career Services. An information bank of both credit and non-credit internships is available as a resource for students. Students may also design their own internship project within established guidelines.

Students planning internships must adhere to the following deadlines to be eligible to receive academic credit:

1. If a student chooses a pre-approved internship from the Career Services database of internships, identification of this internship must be turned in with the student's Statement of Relevance by December 10, 1993. The form for the Statement of Relevance is available in Career Services. Most credit internships are classified as interdisciplinary and do not carry specific major or departmental credit. Students who wish to petition their major department for internship credit must do so prior to above deadline.

2. If a student chooses to design an internship **not** found in the Career Services database, information about the internship must be turned into Career Services by November 29, 1993. The form to gather information about such an internship is available in Career Services. The student's Statement of Relevance is still due by December 10, 1993.

Evaluation of Independent Studies

Students receive letter grades for tutorials and research projects unless they request grading on a credit/no credit basis. Internships, even in the major, are graded credit/no credit.

WINTER TERM OFF-CAMPUS

Rollins offers an exciting program of winter term courses off campus. Although travel is an attractive feature of off-campus studies, the experience involves much more than sightseeing. Various academic requirements must be met, such as preliminary reading and preparation for on-site seminars.

Application

All students must apply through the International Programs Office in Casa Iberia.

1. Read all of the information below and any other information the instructor has provided about the course (available from the International Programs Office).

2. Complete an application, and if applicable, an additional form from the course instructor.

3. Schedule an appointment to talk to the course instructor about the course, its purpose, and goals. Ask him/her to sign your application.

4. Submit a completed, signed application to International Programs. You will receive a deposit form which you will take to the Cashier along with a \$200 deposit.

5. After you apply, your name will be sent to the Dean of the College. If the Dean has concerns about your participation in an off-campus course, you will be contacted.

6. Ideally, notification of acceptance into the course will be sent to you within ten (10) days of application, and you will be considered registered for the course.

Deadlines

The deadline for applications for Winter Term Off-Campus 1994 is October 22, 1993. If your course is canceled due to insufficient enrollment, you may select another course, or elect to receive a refund of your deposit.

Academic Status

Applicants should be in good standing with the College. Students on probation must make a written request for participation when they apply, outlining the circumstances of their status.

Registration

Once you have been accepted for the course, your registration for Winter Term is complete.

Dates

Most off-campus courses will run from January 3-28.

These dates are subject to change.

Course Credit

Students enrolled in Marine Biology receive 1.5 c.u. All other students receive 1 c.u. Courses fulfill general education requirements as indicated. Students must take a course for a grade (not credit/no credit) in order to fulfill a general education requirement.

Costs

The costs shown are estimates and include roundtrip transportation from Orlando (except where indicated), prorating of instructor's expenses, meals as indicated, transportation for required study trips, entrance fees and tickets for scheduled group events, and accommodations, most often based on two and three persons sharing a room. Private baths are usually not provided.

The estimated cost is based on a minimum enrollment of eight students. The final cost is subject to change due to the rate of inflation, fluctuating rates of exchange, and the number of participating students. The final cost for the program will be set in October, after students have registered. In some cases, the final cost will be less than the advertised cost. In other cases, in which less than the minimum number of students enroll, the final cost will be slightly more.

Financial Aid

Students qualifying for Federal Family Education Loans who will not exhaust the maximum program eligibility during the regular academic year may use the balance of their eligibility for these courses. Complete a Request for Financial Aid to Study Off-Campus and submit it to the Office of Student Financial Planning by October 1.

Limited awards will also be made to students from the Sullivan Scholarship Fund. To apply, write a letter to the Sullivan Committee explaining why you want to participate in the course, and how it will aid in your personal, social, and/or academic development.

Payment Schedule

A deposit of \$200 must be paid at the time of application. The balance of the program fee must be paid by November 10, 1993. You will receive a billing statement from International Programs for the balance due about November 1. Statements will not be sent to parents. If the balance is not paid by November 10, your registration in the off-campus course will be canceled.

Passport and Visas

Participants in courses travelling outside the United States must have a valid passport. Apply for a passport

by appearing in person at a county courthouse or issuing office. Passport applications are available in the International Programs Office. Processing an application for a passport takes approximately four weeks. A visa will be required for the program in China. More specific details will be available in the fall.

Inoculations

Inoculations will be required for the students going to Thailand. Specific information will be available in the fall. All students should have their tetanus inoculations updated.

ENGINEERING COURSE WASHINGTON UNIVERSITY IN ST. LOUIS

Through a cooperative agreement with the School of Engineering and Applied Science at Washington University in St. Louis, Missouri, pre-engineering students at Rollins (generally with Sophomore status) have the opportunity to enroll in two-week intensive engineering courses on the Washington University campus. These courses are specifically designed for pre-engineering students attending colleges that participate in 3-2 agreements with Washington University. They allow students to explore and confirm interests in engineering and to sample the various engineering curricula. They also provide students and faculty the opportunity to verify the student's aptitude for in engineering and applied sciences. Rollins will accept these three-semester hour courses as equivalent to one Rollins winter term course. In addition, the student will earn credit which will facilitate the completion of a degree in engineering at one of the 3-2 cooperative institutions easier.

Costs include tuition, housing, and meals. The student should also allow for travel expenses and money for incidentals. Students who qualify for this program will receive a stipend from Rollins toward their tuition at Washington University. However, since the College must reserve rooms, it is not possible to refund any portion of the Rollins housing charge. Washington University at St. Louis will provide to deserving students a two-thirds tuition remission upon the recommendation of the Rollins Coordinator.

The six courses listed below may be offered for the January term. Each course involves a typical work load of three to four hours of lecture, six mornings a week, plus homework assignments, independent study projects, supervised study, or tours of research labs and production facilities in the afternoons. Each course meets for fourteen (14) class-days and only one course may be taken during the January term.

- Engineering Analysis of Chemical Systems
- Engineering Graphics
- Engineering Mechanics I
- Introduction to Electrical Networks
- Introduction to Systems Science and Mathematics
- Pollution and Environmental Impact

For detailed information on this program, course descriptions, and application forms please see Dr. Robert Carson, Coordinator of the 3-2 Engineering Program.
APPLICATION DEADLINE — NOVEMBER 12.

Courses of Study

Course Name: *The Amazon: Sustainable Development or Environmental Destruction?*
Course Number: ES 236X
Prerequisite: None

The Amazon: more than 25,000 species of exotic plants; one-third of the world's total diversity of birds; 2,000 species of fish; and 4,000 species of butterflies. The biological diversity is matched only by the immensity of the area itself.

The Amazon is by far the largest river system in the world. The volume of water that flows into the Atlantic in one day would sustain New York City for nine years! Several million miles of Amazon waterways drain the largest tropical rain forest in the world. The Amazon also plays a key role in the regulation of key planetary environmental systems.

Yet, this fabulous act of creation is under relentless and increasing threat from a number of sources. Conservationists are in a race against time to save both the natural and cultural resources of the Amazon. In 1991, the ACEER Foundation was established to create a sustainable development strategy in both theory and practice.

This course will explore the key role and magnificent resources of the Amazon. Included is a first-hand look at the Peruvian Amazon. Here, we will stay in lodges accessible only by boat or by foot, visit the Yagua Indians and explore the rain forest canopy along the only canopy walkway in the Americas.

Grade Option: Letter Grade
Estimated Cost: \$1,798
Instructor: B. Allen

Course Name: *Archeology and Ethno-History of the Maya—Mexico, Guatemala*

Course Number: LACA-AN 279W

Prerequisite: None

The course will introduce students to the archeological wonders of the ancient Mayan civilization. Students are exposed to an ethno-historical interpretation of this great civilization, from Pre-Columbian times to the present. The course will have intensive classroom instruction, extensive visits to Mayan archeological sites, and a short trip to Guatemala. (This course is run in conjunction with the Spring Term in Merida program.)

Grade Option: Letter Grade

Estimated Cost: \$2,400 (Includes airfare, surface transportation, breakfast, and lodging.)

Instructor: P. Pequeño

Course Name: *China: Toward the 21st Century (C)*

Course Number: PO 245W

Prerequisite: PO 100 recommended.

China is a paradox of an ancient, enduring culture and a rapidly changing economy; a system which is undergoing fundamental change in its society, but with a political system that remains secretive and repressive. China has produced computers, nuclear weapons, satellites, and intercontinental missiles, but has an agricultural system that has changed little for hundreds of years. It is a country with an illustrious history, and a future that is at once bright and uncertain.

This course seeks to help students understand these paradoxes first-hand. The group will travel to some of the major cities of China: Beijing, Xi'an, Shanghai, Guangzhou, and Hong Kong, the British colony scheduled to come under Chinese control in 1997. Students will produce a photo/video documentary of their experiences which will address the broader issues of China's role in world affairs, and the challenges and effects of rapid economic and social change toward the next century.

Grade Option: Letter Grade

Estimated Cost: \$2,900 (Includes airfare, surface transportation, meals, and lodging.)

Instructor: S. Jackson

Course Name: *Education in England: Directed Observation and Participation—London*

Course Number: ED 293W

Prerequisite: None

This course will expose students to English culture and society, and will examine English public and private

schools and their respective teaching philosophies and methods. Students will observe and participate in, when possible, various English classes. Through these visits, students will obtain an understanding and appreciation of English people, society, and schools.

Students will also take a five-day tour of the English countryside, with visits to three secondary schools and one university.

Grade Option: Credit/No Credit

Estimated Cost: \$2,600 (Includes airfare, surface transportation, some meals, lodging, and admissions.)

Instructor: L. Cotanche

Course Name: *Los Horcones: B.F. Skinner's Utopian Community—Mexico (C)*

Course Number: PY 263W

Prerequisite: None

In his early writings, B.F. Skinner envisioned a society structured according to the principles of behavioral psychology. Skinner designed such a community in his 1948 novel *Walden Two*. Los Horcones is the oldest community in the world structured according to Skinner's behavioral principles. In existence since 1973, its founding members, many of whom are still residents, established a personal relationship with Skinner which lasted until his death in 1990. Students will become active members of Los Horcones for two-and-one-half weeks, experiencing first-hand this distinctive social structure of communal living, its practices, and related ideas and values.

Grade Option: Letter Grade

Estimated Cost: \$1,100 (Includes airfare, surface transportation, meals, and lodging.)

Instructor: M. Ruiz

Course Name: *Marine Biology—Barbados, Jamaica (O,N)*

Course Number: B 289W

Prerequisite: B 121 or instructor's consent.

This is an introductory course in marine biology consisting of directed, field-oriented studies of the systematics, ecology, distributions, and behavior of marine organisms. Emphasis is on the in-field study of living marine forms in their natural habitats.

Field activities will be based at the Bellairs Marine Institute of McGill University at St. James, Barbados. The class will collect and identify representative marine

organisms, and study their ecology within selected tropical marine ecosystems in Barbados and Jamaica.

Grade Option: Letter Grade
Estimated Cost: \$1,955 (Includes airfare, surface transportation, meals, and lodging.)
Instructors: D. Richard/J. Small

Course Name: *Serving in the Third World at Home and Abroad-Guatemala (C)*

Course Number: IC 326W

Prerequisite: None

In this course students will continue the work of previous groups in the village of San Juan de Flores: working on the community center, building a fence and installing grids at the Health Center, and assisting villagers in constructing an addition to their church. The learning is multi-faceted, as students explore political, economic, and social constraints; international policy; complex cultures; and customs.

Grade Option: Letter Grade or Credit/No Credit
Estimated Cost: \$1,200 (Includes airfare, surface transportation, meals, and lodging.)
Instructors: T. Cook/J. Langfitt

Course Name: *Serving in the Third World at Home and Abroad-Honduras (C)*

Course Number: IC 328W

Prerequisite: None

While building houses for a Habitat for Humanity project in the Yure River Valley, students will receive a first-hand introduction to the problems and potentials of living in the Third World, as well as a chance for self-discovery and the exploration of their own values.

Grade Option: Letter Grade or Credit/No Credit
Estimated Cost: \$1,200 (Includes airfare, surface transportation, meals, and lodging.)
Instructor: C. Rock

Course Name: *Serving in the Third World at Home and Abroad-Jamaica (C)*

Course Number: IC 324W

Prerequisite: None

Students will find that their belief systems, attitudes, and values are changed and enriched as they involve themselves in a Third World culture and bring tangible benefits to the lives of others. This course will involve a two-pronged project: 1) assisting in developing trails, shelters, and facilities in the national park (moderate to

heavy outdoor work); and 2) working with children in enrichment programs in and after school; teaching reading; tutoring in math and grammar; and providing arts and crafts projects.

Grade Option: Letter Grade or Credit/No Credit
Estimated Cost: \$1,200 (Includes airfare, surface transportation, meals, and lodging.)
Instructors: A. Wettstein/J. Siry

Course Name: *Thailand: An Inside Perspective (C)*

Course Number: IC 223W

Prerequisite: None

Students will develop increased understanding of cultural difference and an appreciation of the relationship between social problems, religious influences, and the self. Special attention will be given to the development of identity in a group vs. an individualistically oriented cultural system. The course will also address issues related to gender and the role of women in Thai society.

Because of the integral connections of religion, politics, and social structure, experiential learning activities will include visits to monasteries, temples, refugee camps, and social agencies in Thailand. Students will also have the opportunity to interact with Thai families in order to gain a holistic perspective of Thai culture.

Grade option: Letter Grade
Estimated Cost: \$2,500 (Includes airfare, surface transportation, breakfast and dinner, and lodging.)

Instructors: M. McLaren/K. Norsworthy

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Courses of Study

Course Name: *Aging in Culture and Society*
(*Social Gerontology*)
(Alternate to Off-Campus Course)
Course Number: AN 280W
Prerequisite: None

Subjects in this course will include anthropological and sociological perspectives on the elderly in various societies, from "primitive" to industrialized; those human behaviors that are universal in the culture of the elderly; the elderly's living environments (i.e., the nursing facility, the rehabilitation hospital, and the retirement community); the effects of aging on sex and skills; the psychopathology of human aging; and death and bereavement. Suitable for non-majors.

Class Meetings: TWTh 1:00-4:00 (Plus meetings on two Fridays, all morning, to visit local nursing homes.)
First Session: 1/4/94
Instructor: P. Pequeño

Course Name: *Alternative Futures for Latin America*
Course Number: LACA 407X
Prerequisite: An introductory course on Latin American culture, geography, history, or politics.

This seminar will explore the various factors that shape a region's future — demographic characteristics, resource base, cultural heritage, educational levels, technological infra-structure, economic dynamism, governmental legitimacy and effectiveness, social cohesion, ecological capacity, geo-political setting, global context, etc. Each student will assume primary responsibility for compiling this sort of information for particular Latin American countries and for sharing this information with the class.

In our discussions we will attempt to weigh the potential influence of these conditioning factors in their

varying combinations to determine the parameters of the possible. Within these parameters we will try to speculate in an informed manner about the probability of alternative scenarios.

We can foretell with certainty that our analyses will not entirely dissipate the mists that becloud every crystal ball, but if we do our work well we should be able to tread more confidently the shaky ground of possibilities and probabilities regarding the momentous issues that perplex us as we contemplate our neighbors to the South in the years and decades ahead.

The objectives of this course are: 1) to enhance our ability to locate needed information, 2) to sharpen our analytic skills in approaching complex issues, 3) to deepen our knowledge and understanding of Latin America and of the challenges and constraints the region faces in the years ahead.

Class Meetings: 8:00-11:00 TWTh 10:00-11:00 F
First Session: 1/4/94
Instructor: R. Clinton

Course Name: *American Civil Rights Policy*
Course Number: PO 252W
Prerequisite: None

This course will examine the philosophical underpinnings of U.S. civil rights policy and evaluate the efforts of major civil rights initiatives. We will examine the major civil rights policies, analyze them from a public policy perspective, and investigate the politics of civil rights in the United States.

Class Meetings: MWF 9:00-12:00
First Session: 1/3/94
Instructor: D. Davison

Course Name: *American Popular Music of the 20th Century: A Socio-Historical Retrospective*
Course Number: SO 214W
Prerequisite: None

A sampler of American popular musical styles of the twentieth century, from Joplin's rag to Hammer's rap, from standards to show tunes, from bebop to hiphop, from rhythm 'n blues to rock 'n roll, from jazz to jazz fusion, from country to crossover, from the Big Bands to the Seattle Bands.

This exploratory course highlights: 1) the influence of

This exploratory course highlights: 1) the influence of class, ethnicity, geography, and the generation on the production and consumption of popular music throughout the this century; 2) the association of popular music with significant historical events affecting changes in the American political climate, cultural milieu, and social institutions; 3) the integration of (2) above with the sociobiographical profiles of popular music icons from each decade; 4) the historical uses of popular music as social commentary, patriotic expression and political protest; 5) the significance of popular music as global culture (e.g., the British Invasion, Latin influences, Japanese rock, et.) and as American regional character (e.g., the "California" sound, the "New Orleans" sound, the "Motown" sound, etc.); 6) the relevance of popular music as a visual medium, with performance venues ranging from vaudeville to video, from Broadway to Hollywood; 7) the impact of popular music on lived experience and collective memory; and 8) the value of popular music as a resource for introducing the methodology of historical sociology. Students will be involved in individual/small group presentations, seminar-style exchanges, and individual bibliographic/audiographic/-videographic research projects.

Class Meetings: TTh 10:00-1:00 F 8:30-11:30
First Session: 1/4/93
Instructor: G. Rodgers

Course Name: *Animal Language Research:
Can Other Species Learn to Talk*
Course Number: PY 319W
Prerequisite: None

Human beings approach life with a flexibility that has not been matched by any other species. Why? Many people think that it is because humans have language. Language allows us to manipulate our thoughts in a manner that seems to be unique to our species. In order to find out if other species can learn language (and what its effects would be on their thinking), psychologists have tried to teach orangutans, dogs, and see lions.

In this class, we will review animal language research studies and discuss the success of these studies. The class will design an artificial language that would be suitable for use with another species (probably a dog or a parrot), and students will begin to teach our language to a subject. Students will also be involved in an on-going animal language research project at EPCOT's Living Seas.

Class Meetings: MTWTh 1:00-4:00
First Session: 1/3/94
Instructor: H. Harley

Course Name: *Archaeological Whodunits*
Course Number: AN 220W
Prerequisite: None

Archaeological detecting cuts both ways in the novels of Elizabeth Peters, Aaron Elkins, Tony Hillerman, and Agatha Christie, when archaeologists labor to solve simultaneously the mysteries of past civilizations and present-day human nature. How well do these novels represent the actual methods and findings of scientific archaeology? Find out by comparing archaeological fact and fiction.

Class Meetings: MTWTh 1:30-4:00
First Session: 1/3/94
Instructor: M. Stewart

Course Name: *Art, Archaeology, and Chemistry (P)*
Course Number: C 114W
Prerequisite: None

Physical and chemical techniques as applied to art and archaeology will be investigated. Specific examples in which such methods have benefitted these disciplines, e.g., the Shroud of Turin, are emphasized. The course will not be scientifically rigorous but should be viewed as a thorough introduction. A greater knowledge and appreciation of this type of inter-disciplinary achievement will be gained.

Class Meetings: MTWThF 10:00-12:00
First Session: 1/3/94
Instructor: W. Personette

Course Name: *Australian Film and Drama:
A Study of the Cultural Forces
Currently Shaping the "Australian
Experience"*
Course Number: AU-TA 292W
Prerequisite: None

This course will examine the forces that have shaped the Australian experience to produce the unique contemporary culture of Australia. Recent immigration has produced a diverse, multicultural society. The aboriginal heritage and its continuing influence present unique challenges and opportunities. The role of Britain in post-colonial Australia continues to be an issue, with proposals

contemporary Australian life will be explored through Australian film, plays, and a variety of other literary sources.

Class Meetings: MTWTh 9:00-11:00
First Session: 1/3/94
Instructor: W. Levis

Course Name: *The "Beats"*
Course Number: E 244W
Prerequisite: None

The "Beats" were a somewhat disreputable bunch of literary and social rebels who made a short-lived but very noticeable appearance shortly after World War II. They worked largely outside the prevailing literary scene, "erupting" almost simultaneously in New York and San Francisco. Although they were never a "school," the attitudes they held towards society and art exerted an influence that is still felt. We will study Kerouac, Ginsberg, Holmes, Burroughs, Corso, et al.

Class Meetings: MTThF 12:00-2:15
First Session: 1/3/94
Instructor: P. Pastore

Course Name: *The Bill of Earth Rights*
Course Number: E-ES 273W
Prerequisite: None

What does it mean (or take) to be a native? This course will look at the American literary tradition *AND* the traditions of Native Americans to uncover a bill of earth rights apt for the solution of global issues of biological and cultural diversity. A broad range of readings, several Florida field trips, and an oral group journal will highlight the essential principles for a community of earthkind.

Class Meetings: M 9:00-12:00, Tth 1:00-4:00
W All-Day Field Trips
First Session: 1/3/94
Instructor: S. Phelan

Course Name: *Bio-Organic Chemistry*
Course Number: C 221W
Prerequisite: C 220

An introduction to the organic chemistry, structure,

and physical properties of biomolecules such as: amino acids, proteins, sugars, complex carbohydrates, fats, and nucleic acids. This course provides a basic introduction into the organic chemistry foundations of biochemistry. The course is strongly recommended for students intending to take C-B 331 at a later date.

Class Meetings: MTWTh 9:30-11:30, F 10:00-11:00
First Session: 1/3/94
Instructor: E. Blosssey

Course Name: *Brazilian Society and Culture (C)*
Course Number: LACA 233W
Prerequisite: None

An introductory course which provides a general overview of Brazil, looking at historical, socio-cultural, political and economic factors. Suitable for all students.

Class Meetings: MTWTh 2:00-4:30
First Session: 1/3/94
Instructor: P. Staal

Course Name: *¿Como se dice? Translating Spanish Texts into English*
Course Number: SH 305W
Prerequisite: SH 202 or SH 203 or Instructor's Consent

In this practicum students will translate a variety of texts from Spanish into English. Translation courses and programs have shown considerable increase on college campuses in recent years. They provide opportunities to learn a good deal about idiomatic usage, grammatical distinctions, and subtleties of tone and style. They also furnish an outlet for creativity. Students will produce English versions of Spanish language texts and compare them to their colleagues' work and, in some cases, with existing translations. In addition to regular class assignments, each student will be responsible for an individual project: the translation of a short story, a theater piece, a professional article, or any other suitable text.

Class meeting: MWF 9:00-12:00
First Session: 1/3/94
Instructor: E. Borsoi

Course Name: *Contemporary English Novel*
Course Number: E 217W
Prerequisite: None

The objectives of the course are: 1) to determine how the English novel since 1950 extends and departs from the

traditions of modern British literature, and 2) to consider how the recent English novel mirrors contemporary English life. The theme for this winter is the destructiveness of class conflict.

Six brief papers are required. These are to be two-page focus papers in which you explore ideas that come to you as you read the novels and as you respond to discussions in class. Although you may wish to consult critical sources, no research is required.

Class Meetings: MTThF 2:00-5:00
First Session: 1/3/94
Instructor: E. Cohen

Course Name: *Costing Not Less Than Everything:
The Ethical Teachings of Jesus*

Course Number: R 140W

Prerequisite: None

In this course, we will attempt to understand Jesus as an ethical thinker and compare his teaching to those of other ethical thinkers. Are His teachings impossible ideals or new laws? Are they a set of commands or just good advice? Are they relevant in a secular society?

Class Meetings: MTWTh 9:00-12:00
First Session: 1/3/94
Instructor: J. Pullen

Course Name: *Counseling in Schools*
(Alternate to Off-Campus Course)

Course Number: ED 330W

Prerequisite: None

This course will examine the status of school counseling and guidance in U.S. public schools. It will also explore the variety of services provided by counselors in elementary and secondary schools. The objective of this course is to familiarize students with the myths and realities of school counseling programs currently functioning in U.S. elementary and secondary schools.

Class Meetings: MTWTh 10:00-12:00, F Reading Day
First Session: 1/3/94
Instructor: L. Cotanche

Course Name: *Creative Writing: Poetry and Art*

Course Number: E 267W

Prerequisite: None

This course is designed to increase students' awareness of the relationships between poetry and art. It is especially suited for students interested in writing and/or painting

who would enjoy spending time with the work of a poet or painter of choice and compiling a portfolio of original work in response. Students will participate in workshops to share and critique original pieces. We will visit local museums, hear guest lecturers, and discuss the work of focus poets like William Carlos Williams and Elizabeth Bishop, who also painted.

Class Meetings: MTh 2:00-5:00, W 9:00-12:00
First Session: 1/3/94
Instructor: J. West

Course Name: *Different Drummers: Music of Gay
and Lesbian Composers*

Course Number: MU 116W

Prerequisite: None

A musical survey of the lives and works of Gay and Lesbian composers from the late-seventeenth century to the present. The course will investigate the impact of social conditions, notably class systems and homophobia, upon the lives and works of gay musicians, and their involvement in the issues of their times. The class will be asked to consider how/if individual composers' homosexuality affects his/her musical creations and contributions to society.

Class Meetings: MTWTh 9:45-12:00
First Session: 1/3/94
Instructor: C. Callahan

Course Name: *The Dinosaurs*

Course Number: B 190W

Prerequisite: None; non-majors course.

A study of dinosaur origins, their likely physiology and behavior, their evolution and extinction. Requirements include two books and additional readings, especially from *Scientific American*.

Class Meetings: MTThF 9:30-11:45
First Session: 1/3/94
Instructor: E. Scheer

Course Name: *Directed Observation and Field
Experience — Regular*

Course Number: ED 291W

Prerequisite: Interest in teaching as a career.

An opportunity for students interested in teaching to gain an insight into the education process as it exists in the schools. The course consists of two components: 1) directed observation and field experience, which requires

Course Name: *History of Florida*
Course Number: LACA 207X
Prerequisite: None

A survey of the history of Florida from pre-Columbian times to the present. Attention is given to the Spanish-Colonial period, territorial days, statehood, civil war, and reconstruction, as well as Florida's social, economic, and political development in the twentieth century. Taught in English.

Class Meetings: MTWTh 4:00-6:30
First Session: 1/3/94
Instructor: D. Kidroske

Course Name: *Hitler: A Study in Tyranny*
Course Number: H 191W
Prerequisite: None

In this examination of the career of Adolf Hitler and the forces which shaped his life, we will attempt to make sense out of the Hitler enigma. Students will explore his biography and then produce specialized studies of particular aspects of the Nazi era. We will endeavor to arrive at some understanding about what prompted Hitler in his quest for power and what motivated the German people to turn to Nazism as a solution to their national problems. Finally, students will explore the international consequences of Hitler's rule and the Nazi movement. Some class time will be devoted to the development of research techniques.

Class Meetings: MTWThF 9:00-11:30 for the first two weeks of January. During, the third week the class will meet while students work on their research papers. The final week will be devoted to presentation of paper synopses.
First Session: 1/3/94
Instructor: B. Levis

Course Name: *The Holocaust*
Course Number: IC-GN 266W
Prerequisite: None

Holocaust — in Greek it means total burning. To the people of the twentieth century the work is linked forever with the attempt by the German Nazis to annihilate Jews. We shall investigate the background to the final solution,

the process itself, and the significance those events still have for us today.

Class Meetings: MTW 1:00-3:00 Th 12:00-3:00
First Session: 1/3/94
Instructor: N. Decker

Course Name: *I Claudius: The Nuts and Bolts of the First Imperial Family*
Course Number: CL 224W
Prerequisite: None

The brilliant Augustus, the tyrannical Tiberius, Caligula — perverse and cruel, and the enigmatic Claudius, these were the first emperors of Rome. Using the acclaimed BBC series *I, Claudius* as a base, this course will examine both the personalities and the politics of Rome's first imperial family and the role of the emperor in the Roman world in general. Each class session will feature the viewing of an episode of the thirteen-part video series. Readings will also be prepared from the ancient writers Suetonius and Tacitus and from recent modern works. The second half of each session will be devoted to a discussion comparing and synthesizing the video and readings.

Class Meetings: MTWTh 10:00-12:15
First Session: 1/3/94
Instructor: J. Francis

Course Name: *Images of Africa: Film, Fiction, and History*
Course Number: H 274W
Prerequisite: None

Africa is a continent with a long and varied history. Eighteenth-century European explorers celebrate this rich variety, while paternalistically depicting Africans as "innocent" and "noble savages," a view confirmed by late nineteenth-century colonizers and early twentieth-century filmmakers. In the late twentieth century, the mass media is no less paternalistic in its portrayal of Africans as helpless victims of famine, disease, and corrupt leaders. Our goal will be to disentangle, through a selective study of film, fiction, and historical narratives, the myths, stereotypes, and realities that define our *Images of Africa*.

Class Meetings: MWF 10:00-1:30
First Session: 1/3/94
Instructor: C. Higgs

Course Name: *From No-No Boys to Typical Americans: Asian-American Literature (L)*

Course Number: E 208W

Prerequisite: None

Despite their contributions to the nation, Americans of Asian heritage have been neglected and even subjected to hostile treatment until recent decades when, emerging as a dynamic minority group, they find their voices through successful writers such as Marine Hong Kingston and Amy Tan. However, the myth of "the model minority" being perpetuated in recent years also needs to be dispelled because Asian-Americans share with other Americans many of the problems built into the overall myth of the American Dream. In this course, we will investigate Asian-Americans' struggles for identity, survival, recognition, and integrity *vis à vis* the pressures and demands of the American Dream as expressed in their imaginative writings. In order to demonstrate the diversity of Asian-Americans as a minority group, authors covered will include those with Chinese, Japanese, Korean, East Indian, and Southeast Asian backgrounds.

Class Meetings: MTWTh 9:00-11:30

First Session: 1/3/94

Instructor: B. Chow

Course Name: *Future Shocked or Future Solved: A Course in Inventive Problem Solving and Futurecasting*

Course Number: IC 275W

Prerequisite: None

In a dramatic, game-like atmosphere, students will project and analyze the future while exploring a variety of thinking strategies aimed at more inventive problem solving and issue analysis: the four analogies of synec-tics, the "Physicist's Metaphors" of tagmemics, future wheels, cross-impact analysis, the Delphi technique, lateral thinking, "visioning," and scenario writing.

Class Meetings: MTWTh 11:00-1:30

First Session: 1/3/94

Instructor: J. Edge

Course Name: *Gandhi, King, and the Philosophy of Nonviolence*
(Alternate to Off-Campus Course)

Course Number: PH 224W

Prerequisite: None

The course will examine in some depth the philosophy

of non-violence as developed in the thought and practice of M. Gandhi and M.L. King. We will contrast the different religious roots of their views and discuss the ways in which King adapted Gandhi's views for use in the American civil rights movement. We will also focus upon issues of controversy including the problem of evil, civil disobedience, and applicability of non-violence to other freedom struggles. There will be some evening meetings to view films and hear and discuss speeches.

Class Meetings: MTThF 1:00-3:00 and evening meetings for films and videos.

First Session: 1/3/94

Instructor: T. Cook

Course Name: *A Guide to Macroeconomics*

Course Number: EC 110W

Prerequisite: None

Unemployment, inflation, GNP, and other basic terms and concepts of macroeconomics will be defined and discussed in a non-technical manner. Current macro-economic policies will be discussed and analyzed. Designed for non-majors, this course will not count toward the major and is not open to students who have completed EC 126 or EC 213.

Class Meetings: MTW 12:30-3:00, Th 12:30-2:00

First Session: 1/3/94

Instructor: R. Steen

Course Name: *Hanging Loose in an Uptight World*

Course Number: PY 204W

Prerequisite: None

How often have you been told, "It's only your nerves; you've just got to learn to relax." Each of us experience varying degrees of stress throughout our lives, yet most of us have never learned to cope with the pressures of everyday life. Dealing with stress effectively is not a passive activity, but one which requires knowledge, skill, and practice.

Class Meetings: MWF 9:00-11:00 plus one hour of supervised practice of relaxation strategies each day.

First Session: 1/3/94

Instructor: M. Farkash

Course Name: *Introduction to Modern Dance
Technique and Composition*

Course Number: D 140W

Prerequisite: None

An introduction to the fundamental concepts of modern dance as well as the methodology of composition. Practical studio work will stress body placement and alignment through the use of a classical modern dance movement vocabulary. Study of the basic elements of choreography with an emphasis on personal invention, solo and group focus, and the exploration of the evaluative process. The academic component of the course will include readings and examinations relating to modern dance choreographers and choreography.

Class Meetings: MTWTh 1:00-4:00

First Session: 1/4/93

Instructor: L. Brasseux

Course Name: *Islands in the Stream*
(Alternate to Off-Campus Course)

Course Number: ES 237W

Prerequisite: None

Unusually motivated students are encouraged to consider this course because of the landscape restoration project and tree planting we will do to re-introduce biodiversity into our lives and campus. Weekly readings, writing, and botanical gardening will be used to better understand island biogeography, isolation, speciation and extinction. A biorestitution project on the barrier islands of Florida will be part of a service learning day.

An optional camping retreat (possibly two on two different weekends — organized and coordinated by student groups) is planned that will allow students to learn minimal impact camping, orienteering, compass reading, hiking, and canoeing skills that are required to experience biodiversity in Florida and the rest of the Americas.

Class Meetings: TWTh 9:00-11:30, Th 2:00-5:00,
optional Trips on ThFSSM to the
Cumberland Island National Seashore
and Canaveral National Seashore.

First Session: 1/4/94

Instructor: J. Siry

Course Name: *Issues in Domestic Public Health*

Course Number: B 343W

Prerequisite: Transportation; junior status; and
instructor's consent.

This course is designed to introduce students to the

field of public health and to provide a service experience. Although individuals from any discipline may enroll, those in the social sciences may find the course particularly relevant. Students successfully completing this course will:

- Know general theories and empirical studies on aspects of public health.

- Understand U.S. and local public health policies.

- Experience and contribute to the success of a public health project.

This is a seminar and internship course based on group discussions and individual projects. Most of the meeting time will be devoted to discussing primary journal articles and other readings in public health. Each student is responsible for an internship. Possible agencies include the Orange County Public Health Department, March of Dimes, WIC, or FDA. These will be arranged for you by the time of the first class meeting. It is expected that a student will spend at least forty (40) hours over the term in active participation. Success of the project will be determined by self-report, supervisor evaluation, and final project paper and presentation.

Class Meetings: MTWTh 10:00-12:30

First Session: 1/3/94

Instructor: P. Coleman

Course Name: *Language Awareness: Decoding
Language in its Cultural and
Social Contexts*

Course Number: E 180W

Prerequisite: None

Is there a cow in Moscow? Is there a zoo on zoology? What is double speak? What causes communication gaps between men and women? How do subway graffiti define self identity? This course will look at the intriguing and social aspects of language. We will examine such topics as language and culture, language and gender, and language and ethnicity. The Sapir-Whorf hypothesis that addresses language and reality will be discussed, along with selected readings on conversational styles of men and women, bilingualism, cross-cultural understanding, and other issues. The course aims to raise our sensitivity towards language to improve our communication with others. Texts include *You Just Don't Understand* (Deborah Tannen), *Hunger for Memory* (Richard Rodriguez), and other readings.

Class Meetings: MTWTh 9:00-12:00

First Session: 1/3/94

Instructor: C. Lam

Course Name: *Latin America in the Movies*
Course Number: SH 215W
Prerequisite: None

This course will provide a survey of Latin American culture and civilizations viewed through history and movies. Students will follow a history text and view movies to gain insight into the passions that moved the "heroes" (greed, authoritarianism, power, envy, and pride).

Knowledge of Spanish is not necessary. The course is not open to students who have taken SH 322.

Class Meetings: MTTh 10:00-1:00 plus movie screenings every Monday evening from 6:00 to 8:00 (Hauck Auditorium).
First Session: 1/3/94
Instructor: Hilda Lopez-Laval

Course Name: *Life on Earth*
(Alternate to Off-Campus Course)
Course Number: B 108W
Prerequisite: None

A look at the natural history of earth using the themes of David Attenborough's film series. An appreciation for the development and organization of the diversity existing among the various groups of organisms will be the central focus. The objectives of the course will be: 1) to become familiar with the great variety of life that exists on the planet, 2) to develop an understanding of the apparent inter-relationships on the various life forms, and 3) to consider the mechanisms responsible for the development of life on earth.

Class Meetings: MTWTh 9:30-11:45
First Session: 1/3/94
Instructor: D. Richard

Course Name: *Mammalian Developmental Biology*
Course Number: B 380W
Prerequisite: B 120

The complexity of mammalian development is only beginning to be understood in terms of molecular events guiding embryonic development. In many respects, the transformation of a single cell into a mature individual remains a mystery. This course will examine the physiological processes supporting development: reproduction, pregnancy, parturition, and lactation. It will explore developmental progress from fertilization through embryonic development with the establishment of major organ systems. Two organ systems, the cardiovascular and

urogenital systems, will be examined in detail. With the study of the urogenital system through birth to its maturation at puberty, the course will have come full circle in its discussions.

Class Meetings: MTWThF 9:30-12:00, Tth 1:00-2:30
First Session: 1/3/94
Instructor: S. Klemann

Course Name: *MacArt, Art, and the MacIntosh*
Course Number: A 214W
Prerequisite: None

This course will focus on two distinct areas of study. We will explore a variety of software packages available for the Mac system, including both object-orientated and bit-mapped drawing programs. Concurrent with our study of the technical issues we will discuss the formalistic, stylistic, and conceptual issues common to all the visual art mediums.

Class Meetings: MTWTh 8:00-11:00
First Session: 1/3/94
Instructor: R. Larned

Course Name: *Media and Political Economy*
(Alternate to Off-Campus Course)
Course Number: EC 242W
Prerequisite: None

Effective media for public discourse are key elements in any democratic society. This course undertakes a critical examination of the print, film, and broadcast media in the U.S. today, with questions such as the following in mind: What are the economic institutions and structures of the media? How do these structures affect the content and variety of the entertainment and news that the media bring us? How do the various media differ in the viewpoints they convey about current political-economic issues? What roles do they play in the resolutions of these issues? We will read and discuss some scholarly works on these and related questions; and we will examine and discuss a variety of newspapers, magazines, and other publications, as well as a number of video and audio recordings.

Class Meetings: MT 1:30-3:30, WTh 5:00-8:00
First Session: 1/3/94
Instructor: C. Rock

Course Name: *Microeconomic Decisions:
Problems and Policies*
Course Number: EC 409W
Prerequisite: EC 212, EC 213, and EC 303.

We will examine the microeconomics of decision-making and the effects of various government policies on those decisions. The analyses will be conducted primarily by problem-solving within frameworks which can be expressed graphically and algebraically. The analyses will be applied to a variety of situations, with special attention to advanced topics which extend concepts from intermediate microeconomics and constraints imposed by government policies. A comparison of the advantages/disadvantages of different approaches will be developed where applicable.

Class Meetings: MW 12:45-3:15, T 10:45-1:00, and
Th 10:45-12:30
First Session: 1/3/94
Instructor: C. Skelley

Course Name: *Microeconomic Policy*
Course Number: EC 407W
Prerequisite: EC 203 and EC 304.

An exploration of public policy issues as they impact on consumer behavior, managerial action, and economic efficiency. Particular explorations would include deregulation of the trucking, the airline and the financial services industries. Additionally, the issues of regulation and "re-regulation" will be explored.

Class Meetings: MTWTh 9:00-12:00
First Session: 1/3/94
Instructor: W. Hales

Course Name: *Modern Art at Mid-Century*
Course Number: A 372W
Prerequisite: A 323 or instructor's consent

This class will trace the ascendance of abstract painting styles at the end of World War II, continue through the succeeding reactionary areas of Pop and Op, and introduce important artistic trends of today. Culture, economics, and politics will be explored as a backdrop to the art.

Class Meetings: MTW 10:00-1:00
First Session: 1/3/94
Instructor: H. Hallam

Course Name: *Monotype*
Course Number: A 374W
Prerequisite: A 252 or instructor's consent.

The process of monotype produces a single print (*mono-type*) by using pressure to transfer an image drawn or painted on smooth surface (usually plexiglass or a metal plate) to paper. First used by Italian artist Giovanni Castiglione in the seventeenth century, monotype continues to fascinate artists due to its painterly and spontaneous qualities. Monotype can also be easily combined with intaglio techniques, such as drypoint and etching. It is particularly popular among artists who want to bring the aspects and qualities of both painting and printmaking into a single work of art.

This course will consist of intensive studio work and critiques. We will also visit and tour the Graphicstudio at the University of South Florida in Tampa, one of the largest professional printmaking studios in the world, where we will view monotypes by Jim Dine, Nancy Graves, and other internationally known artists. Reading and research on the subject will be encouraged. Students should be prepared to spend approximately thirty-five hours per week in the studio.

The objective of the course is to enable students interested in art to freely experiment with this unique medium and combine it with their existing knowledge on printmaking and other art disciplines. It is also intended to provide students with focused, intense studio experience. Emphasis will be placed on aesthetic and technical collaboration, development of self-reliance and critical thinking, development of a "feel for the material," and technical competence.

Class Meetings: MTWTh 10:00-12:30
First Session: 1/3/94
Instructor: T. Softic

Course Name: *Music of African-Americans
in the United States*
Course Number: MU 177W
Prerequisite: None

While it is no longer necessary to convince people that African-Americans have a place in the development of this country's popular music, the significance of their contribution is often underrated. In addition, very few people realize that African-Americans have an important place in almost every other area of American musical life. This course's examination of the participation of African-Americans in this country's music, from the dance hall to

the concert hall, will give students a knowledge and awareness of their contribution to music in the United States—a knowledge that few people have.

Class Meetings: MTTh 1:00-4:00
First Session: 1/3/94
Instructor: W. Gallo

Course Name: *National Parks and Protected Areas*
(Alternate to Off-campus Course)
Course Number: ES 353W
Prerequisite: None

This course will explore the role of protected areas in sustaining society, including the use of national parks as pleasuring grounds, genetic banks, working ecosystems, and symbols of our heritage. We will look most closely at the national park systems of the United States, Great Britain, France, and Costa Rica. Each of these countries is approaching the management of its parks from a different socio-economic position, and with the need to protect different resources for different reasons.

The course is organized into three sections. The first portion will briefly trace the development of the national park ideal from the creation of the world's first national park (Yellowstone, 1872) to the present. The middle section will focus on the role of national parks in the developing world. The course concludes with a look at the problems facing national parks and a discussion of possible solutions.

Class Meetings: M 1:30-4:30, WF 9:00-12:00
First Session: 1/3/94
Instructor: B. Allen

Course Name: *The Newest South(s)*
Course Number: H 380W
Prerequisite: None

The idea of a New South has been an historical perennial for more than one hundred years. We will focus on the newest of Souths, the South(s) of the post World War II years. Some have suggested that in a post-industrial era of "massification," the South has disappeared or is fast disappearing. According to this view, the very changes that make for a new South also make for no more South. Others contend that despite Southern convergence with Yankee ways, Southerners are still distinctive. We will this consider the theme of change and continuity in the recent South. In so doing, we will

emphasize social and cultural somewhat more than political topics. We will look, for instance, at such things as regional consciousness and popular images of the South, as well as at the very important civil rights revolution. Perhaps we will arrive at some tentative answers to the following: Is there still a South/Southerner? If so, where is it, and how does s/he talk, think, and act these days?

Class Meetings: MTTh 1:00-4:00
First Session: 1/3/94
Instructor: G. Williams

Course Name: *Opera on Video*
Course Number: MU 112W
Prerequisite: None

Murder! Mayhem! Love and Sex! Loud singing! Nobility under pressure! Tuberculosis! Mad scenes! All this and more is laid bare in this course that surveys the panorama of the operatic tradition from its earliest beginnings in 1600. By viewing videos of productions from the finest opera houses in the world, students will experience what makes opera tick — its singers, stories, and music. Discussions will focus on operatic conventions as they have been practiced in different centuries and the correspondence between these and contemporary musical fashions.

Class Meetings: MTW 8:30-11:30
First Session: 1/3/94
Instructor: E. LeRoy

Course Name: *Painting the Scene*
Course Number: TA 122W
Prerequisite: None

Painting the Scene is a studio course designed to acquaint students with the various painting techniques used in theatre, film, and television, such as false marble, wood graining, foliage painting, draperies, and the art of the olio curtain. The course will feature a field trip to Universal Studios and guest artists.

Fee: Course fee of \$85 to cover supplies and lab fees.
Class Meetings: MTTh 1:00-5:00
First Session: 1/3/94
Instructor: D. Amlund

Course Name: *Philosophy of Music*
Course Number: PH 202W
Prerequisite: None

A seminar exploring philosophical questions about music. The objective of the course is to address, with philosophical insight, four questions: What is music? What is a (particular) work of music? How is music related to our emotions? What is the relation of music to morality?

From Plato and Confucius onward, philosophers have written with awe of the powerful impact music has on listeners (especially on their emotions and their character), fearing and cheering particular forms of music as a result. Music is pervasive in our culture, and the debate continues among people like Allan Bloom, Frank Zappa, and Tipper Gore. (Our interest, however, is not so much with lyrics as with untexted music.) In a seminar format, participants will study classical and contemporary sources in philosophy of the arts, ultimately presenting their own views on the ethical impact (if any) of the music we hear.

Class Meetings: MWF 1:00-4:00
First Session: 1/3/94
Instructor: D. DeNicola/B. Runnels

Course Name: *Physical Chemistry II*
Course Number: C 306W
Prerequisite: C 305

An intensive study of the kinetics of both chemical reactions and physical processes. The course will cover kinetics of gas phase reactions, reactions in solution, photochemistry, the kinetics of polymer formation, and molecular motion in solution (with laboratory).

Class Meetings: Tth 9:30-11:30, W 9:30-1:30
First Session: 1/4/94
Instructor: P. Bernal

Course Name: *The Politics of Abortion*
Course Number: PO 223W
Prerequisite: None

In late nineteenth-century America, advocates of birth control were jailed for violating obscenity laws. Although ancient societies had permitted the wide-scale practice of birth control, America did not. By 1850, most methods of contraception, along with abortion, had been outlawed. Laws forbidding the practice of birth control were changed only after years of agitation; and not until 1973, in the Supreme Court case of *Roe v.*

Wade, was the right to have an abortion granted constitutional protection.

Recent Supreme Court cases now jeopardize that "right." Why has an issue as private as the decision to bear or not bear a child attracted so much public concern? What does that concern tell us about our society's attitudes toward men, women, motherhood, and the family? To address these questions, this course will examine the social, political, and legal issues surrounding the abortion controversy.

Class Meetings: MTWTh 8:30-11:00
First Session: 1/3/94
Instructor: L. Greyson

Course Name: *Principles of Programming Languages*
Course Number: CS 380W
Prerequisite: CS 270

Emphasizes the principles and programming styles that govern the design and implementation of contemporary programming languages. Topics include: language syntax, grammars and parsing examples, control structures, binding the run-time environment, formal semantic models, and the principal language styles of modern languages.

Class meeting: MTWTh 12:30-3:00
First Session: 1/3/94
Instructor: J. Carrington

Course Name: *Profiles of Lawyers in Theatre and Film*
Course Number: IC 202W
Prerequisite: None

This course will examine novels, plays, and films to analyze the relationships among and reveal how seemingly diametric media blend to profile lawyers in Western (primarily American) culture. Authors, plays, and films include: *A Man for All Seasons*, *Compulsion*, *The Caine Mutiny*, *Court Martial*, *Anatomy of a Murder*, *Inherit the Wind*, *To Kill a Mockingbird*, and others.

Class Meetings: MTW 9:00-12:00
First Session: 1/3/94
Instructor: J. Nassif/M. Newman

Course Name: *The Psychology of Competition*
Course Number: PE 202W
Prerequisite: None (Note: This course does not count as a psychology elective.)

This course will impart to students specific strategies for practice, training, and optimal sports performance, and examine the influence of the sports experience on physical growth and development, personality, and the American culture. Among the topics to be discussed will be anxiety reduction, stress management, time management, motivation, burn-out, concentration, mental imagery, relaxation, team harmony, and solving problems with coaches. In approaching these topics, we will utilize a combination of readings, class exercises, lecture-discussions, and group projects.

Class Meetings: MTWThF 10:00-12:00
First Session: 1/3/94
Instructor: P. Jarnigan

Course Name: *Race and Ethnicity in Popular Culture*
Course Number: SO 290W
Prerequisite: None

This course will critically examine the depiction of race and ethnicity in popular culture, with a focus on contemporary American society. Students will study some of the sociological literature on representation of race and ethnicity and analyze portrayals and images of racial and ethnic minorities, relying especially on illustrations from film and television. Several themes will be explored: the characterization of racial and ethnic minorities; how issues of conflict, inequality, and discrimination are addressed and resolved in popular culture; how popular culture reinforces and subverts stereotypes; and the strengths and weaknesses of popular culture as a means of illuminating racial and ethnic relations. Students will be responsible for individual written projects and class presentations.

Class Meetings: MTWTh 9:00-12:00
First Session: 1/3/94
Instructor: E. Royce

Course Name: *Rational and Irrational Economic Behavior (V)*
Course Number: EC 318W
Prerequisite: EC 212 and EC 213

Rational behavior provides the most important assump-

tion motivating mainstream economics. Without it, mainstream economics would cease to exist. This course will explore what is meant by "economic rationality." We will examine actual behavior and whether it serves to limit or negate economic analysis. We will discuss the implications for both economic theory and economic policy.

Class Meetings: MWF 8:30-11:30
First Session: 1/3/94
Instructor: K. Taylor

Course Name: *The Relativity of Space and Time*
Course Number: P 218W
Prerequisite: Competence in basic geometry and algebra (the student must be able to use the pythagorean theorem and the trigonometric functions with ease). One semester of high school or college physics or instructor's approval.

This course will provide an introduction to the physical relationships between space, time, and the speed of light. Using geometry and algebra, we will explore the many unusual properties predicted by Einstein's special theory of relativity. The course will address: the rate at which time unfolds for people traveling at different speeds, the shape of your space-time continuum, the twin paradox (a method of aging slower than your twin!), worm holes, and the relationship between energy and mass.

Class Meetings: MTWTh 10:00-12:00
First Session: 1/3/94
Instructor: G. Alman

Course Name: *Revisiting the Books of Childhood*
Course Number: E 257W
Prerequisite: None

Who among us has not savored, as an adult, the guilty pleasure of curling up with a book we loved in childhood? This course will remove the guilt from the pleasure. Beginning with a discussion of the book that personally appealed to us when we were very young (was your favorite *Where the Wild Things Are* or *Runaway Bunny*?), the course will move to an analysis of a variety of fairy tales by the Grimm brothers and Hans Christian Andersen, focusing particularly on psychological interpretations of the tales, including those advanced by Bruno

Bettelheim. We will then read and analyze such classics for children and adolescents as *Alice's Adventures in Wonderland*; *Bambi*; *Black Beauty*; *Lassie Come-Home*; *The Lion, the Witch, and the Wardrobe*; *The Little House on the Prairie*; *Little Women*; *Tom Sawyer*; *The Wind in the Willows*; *A Wrinkle in Time*; *Heidi*; *The Yearling*. In addition to taking quizzes on the readings and keeping a journal, students will devise on original project based on their readings.

Class Meetings: MTWTh 9:30-12:00
First Session: 1/3/94
Instructor: B. Carson

Course Name: *The Rhetoric of Television*
Course Number: E 251W
Prerequisite: None

Ernie Kovacs, one of the first great TV comics, once observed that, "Television is a medium because it is neither rare nor well done." *The Rhetoric of Television* will examine whether he was right by exploring the ways television shapes its materials. Although we will look at the history and business of television, our primary concern will be to develop a theory of what TV can and cannot do — and what it has and has not done — with news, drama, comedy, documentary, and talk shows. Through a close examination of individual shows and writings about television, we will discuss why television is what it is and what alternatives may exist for it.

Class Meetings: MTWTh 9:00-11:30
First Session: 1/3/94
Instructor: M. O'Sullivan

Course Name: *Russian Folklore (C)*
Course Number: RN 227W
Prerequisite: None

In *Russian Folklore*, students will complete a study of selected important genres of Russian folklore: fairy and folk tales, heroic epic, mythology, folk architecture, and lacquer painting. Through the analysis and close examination of texts and folk objects, students will discover the elements of the "Russian Soul" and learn about centuries of traditional customs and beliefs.

Class Meetings: MWF 9:30-12:30
First Session: 1/3/94
Instructor: A. Boguslawski

Course Name: *Science and Non-Science in Science Fiction*

Course Number: C 211W

Prerequisite: None

Cyborgs, black holes, robots, and replicants. Warp drive, time travel, death rays, and genetic miscreants. Oh my! Explore the science and non-science that has appeared in science fiction literature and film since the days of old Jules Verne up to today's authors such as Clark, Asimov, and Bear.

We will read four novels or short story collections and view four films. These will be used to discuss topics in biology, physics, chemistry, and environmental science. What is already possible? What seems likely in the future? And what, at least now, seems impossible?

Our objective will be to learn something about important basic principles in the sciences utilizing science fiction as the vehicle. We will study topics in physics such as rocket propulsion and black holes. In chemistry and biology we will examine principles behind genetic engineering and major changes in earth's environment.

Class Meetings: MTWTh 1:00-3:30
First Session: 1/3/94
Instructor: B. Ramsey

Course Name: *The State of Florida's Children*
Course Number: PY 131W

Prerequisite: PY 101 or any equivalent first course in sociology, anthropology, or education, or instructor's consent.

The year 1993 was one of sweeping political change and economic upheaval throughout the world. The winds of change have been felt in Central Florida, and have affected children in large numbers. More than ever, Third World conditions for children can be seen right in our own backyard.

Who cares for central Florida's children? What is the quality of that care? These are the questions we will be answering during winter term. Using a combination of government documents, research reports, and site visits, we will assist in the care of children and families in Florida. The primary focus of our efforts will be on "prevention services," those aimed at preventing children's problems before they can cause great damage. We will look for the ways to help that offer the most hope to young children and families.

Small work groups will study special topics concerning children, and present their findings to the class. Several

quizzes will cover the "facts books" about children, which are the assigned readings. In the last week of the class, we will go on-site to a rural Central Florida location to complete a service project for children.

Class Meetings: 9:00-12:00 MTWF (minimum)
Long fieldtrips at least two days per week in the last week of the term, involving two overnights. This course is not suitable for students working other jobs during the winter term.

First Session: 1/3/94
Instructor: S. Carnahan

Course Name: *Sociology of Human and Animal Interdependence*
Course Number: SO 285W
Prerequisite: None

This course will examine a variety of human-animal relationships from a sociological perspective. Topics to be covered include interspecies communication studies (particularly those focusing on dolphins, chimpanzees, and gorillas), the role of pets (companion animals) in human society, the trainer/performer relationship, animal rights (factory farming, the fur issue, use of animals in scientific experiments, etc.), the symbology of animals in culture, claims about the inter-psychic potentials of humans and animals, the media portrayal of animals, and animal life. This course will draw together some of the strands of research and theory that are producing the current popular fascination with the human-animal bond.

Class Meetings: MTWTh 1:00-3:30, W 6:00-10:00
First Session: 1/3/94
Instructor: L. Glennon

Course Name: *Terrorism and the Political Order*
Course Number: PO 265W
Prerequisite: None

Some of the deadliest and most spectacular acts of international terrorism have been committed by fanatical groups. These events have threatened the stability of various regimes regardless of their particular form of government. While totalitarian regimes have faced fewer problems with terrorism, democratic nations have been especially vulnerable. The objective in this course is not only to make students aware of how and why international terrorism destroys freedom, lives, and property, but

also to show that different governments vary not only in their vulnerability but also in their method of dealing with this form of political violence.

Class Meetings: TWThF 2:00-4:15
First Session: 1/4/94
Instructor: L. Valdes

Course Name: *Textbook Orlando*
Course Number: IC-PO 260W
Prerequisite: Sophomore, junior, or senior status.

This course will offer a first-hand exposure to Orlando as a place to live, work, and play. Besides listening to outside speakers, we will ride the city's buses, walk its streets and malls, sample its neighborhoods, observe its police and courts, witness its political process, and possibly join it at play. The central question will be, "What makes a good city?" Students will write daily logs, collaborate on group papers, and read from a common syllabus. **\$20 transportation fee required.**

Fee: \$20
Class Meetings: MTWTh 1:00-3:30 and trips held at various times.
First Session: 1/3/94
Instructor: R. Foglesong

Course Name: *Theatre Production "C"*
Course Number: TA 300W
Prerequisite: None

Theatre Production "C" provides students with a practical experience in theatre via a student-directed production in the Fred Stone Theatre. Students are assigned a position on one of the crews (construction, props, costumes, sound, lighting, and/or painting) and/or an acting role. The course requires a minimum of thirty hours per week, culminating in production.

Class Meetings: MTWThFS 9:00-5:00 and rehearsals held evenings and weekends.
First Session: 1/3/94
Instructor: M. Shafer

Course Name: *Theories of Human Nature*
Course Number: PH 120W
Prerequisite: None

In this course, students will study the views of several

thinkers who have offered diverse theories of human nature. Discussions will include the implications of these theories for our attitudes toward ourselves and others. Readings are taken from the work of Plato, Hobbes, Freud, Marx, Skinner, and other selected authors of the Christian and Oriental religious traditions.

Class Meetings: MTWTh 2:00-4:30
First Session: 1/3/94
Instructor: K. Peters

Course Name: *Thinking Lean:
Body Weight Management*

Course Number: PE 160W
Prerequisite: None

Students in this course will understand and apply physiological principles involved in body weight management. After personal assessments, students will prescribe basic exercise programs, nutritional menus, and lifetime adjustments individually in order to attain identified fitness goals.

Class Meetings: MTWTh 12:30-2:45
First Session: 1/3/94
Instructor: R. Morris

Course Name: *Total Quality Management:
Management for the 1990s and
the Next Century*

Course Number: AQS 202W
Prerequisite: None

Total Quality Management (TQM) is a unique blend of systems management, quality assurance methods, and quantitative techniques. As an organizational strategy, TQM is being researched or implemented by major corporations, small businesses, government, hospitals, and many other not-for-profit institutions as a way of successfully competing in the 1990s and the global future. Students that study and understand TQM will be better equipped than their contemporaries to meet the challenges facing organizations of today and tomorrow.

The course is designed to examine how TQM integrates with the planning of an organization, how it positively influences customer satisfaction, and how it can lead to growth of market share.

Class Meetings: MTTh 2:00-5:00
First Session: 1/3/94
Instructor: W. Hepburn

Course Name: *Vertebrate Histology and
Microtechnique
(Alternate to Off-Campus Course)*

Course Number: B 381W
Prerequisite: B 120-121

Students in this course will study the structure and function of vertebrate cells and tissues. The course involves examination of selected tissues and preparation of microscope slides. Our objectives will be to acquire a basic knowledge of vertebrate cells, tissues, and organs as well as to learn how to prepare tissues for microscopic examination.

Class Meetings: Four days each week 9:00-12:00 (free day will rotate).
First Session: 1/3/94
Instructor: J. Small

Course Name: *The Vietnam War in Literature
and Film*

Course Number: E 254W
Prerequisite: None

By looking at literature and film about the Vietnam War, this course will address such questions as: Who fought in this war? Why did they fight? What was it like to return home? Can their experiences be conveyed to us in the language of poetry, short stories, plays, novels and films? Are their stories "true?" How does such a war impact literary history and challenge literary conventions? How have the stories and films in recent years attempted to "end" the war, i.e., to provide the country with some semblance of closure?

Class Meetings: MTWTh 9:30-12:00
First Session: 1/3/94
Instructor: R. Starling

Course Name: *History of the American Musical Film*
Course Number: TA 305W

Prerequisite: Instructor's consent.

There is much more to the movie musical than just a series of happy scenes that provoke nostalgic memories. It's one of the few particularly American art forms and, at its best, it certainly is art. The French make crime films that are equal to ours, comedy is polished by the British, and even the American Western has been taken over with some success by the Italians and Germans. But

what movie musical worth noting has been produced under any auspices except Hollywood's? None.

This course puts the history of movie musicals in its proper perspective, from *The Jazz Singer* (1927) to the present. Special emphasis will focus on films, personalities, trends, and innovations.

Class Meetings: MTWTh 11:00-1:30
First Session: 1/3/94
Instructor: C. Rodgers

Course Name: *Voices From the Iron House: The Modern Chinese Political Experience*
(Alternate to Off-Campus Course)

Course Number: PO 210W

Prerequisite: PO 100 recommended, but not required.

Few countries in the world have experienced the continual political change and upheaval which China has during the last one hundred and fifty years. This experience being that of nearly one-quarter of humanity. *Voices from the Iron House* will provide an intensive introduction to the political experiences of China in this century through the accounts of its people in reportage, essays, narratives, and literature. It will attempt to portray Chinese politics through the experiences of Chinese, both elite and ordinary.

Class Meetings: TWThF 10:00-12:15
First Session: 1/4/94
Instructor: S. Jackson

Course Name: *Women and Moral Reasoning*
(Alternate to Off-Campus Course)

Course Number: PH-WS 256W

Prerequisite: One course in philosophy, women's studies, or psychology.

In this course we will explore the claim that women use "a different voice" in moral reasoning. Some theorists have argued that women employ an ethic of care rather than an ethic of rights. We will read Carol Gilligan's *In a Different Voice*, which sets out the theoretical framework for this claim. We shall then apply this theory to cases in literature and film. Finally, we will discuss both applications and criticisms of the claim that women have a distinctive form of moral reasoning.

Class Meetings: MWTh 1:00-4:00
First Session: 1/3/94
Instructor: M. McLaren

Course Name: *Women: Psychology's Challenge*
(Alternate to Off-Campus Course)

Course Number: PY 303W

Prerequisite: PY 101

Traditional psychological views of the female personality have focused on describing the differences between females and males by drawing upon male norms and comparing women as a special case. In more recent years, psychological researchers have argued for a shift in perspective which focuses on the uniqueness of the female experience as perceived by the women themselves.

In this course we will survey a series of topics in the psychology of women as presented by both traditional and contemporary writers, and will examine the implication of the emerging psychological point of view. Topics will include: theories of female personality, the relationship between physical and psychological characteristics, intellectual abilities, moral development, emotional development, and women and mental health.

Class Meetings: MTWTh 9:30-12:00 and independent field labs.
First Session: 1/3/94
Instructor: M. Ruiz

Course Name: *Women's Biology: Women's Health (V)*

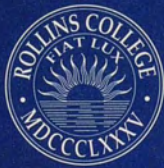
Course Number: AN-WS 370W

Prerequisite: None

Students in this course will become acquainted with the basic reproductive physiology of women and go on to consider selected health problems. These problems will be discussed in terms of physiology and in terms of the response of the American medical establishment to their prevention and solution. Among the topics considered will be: birth control, venereal disease, amenorrhea, dysmenorrhea, and fertility. Emphasis will be placed upon your learning techniques for dealing with these and related problems in real life situations.

Class Meetings: MTWThF 9:30-12:00
First Session: 1/3/94
Instructor: C. Lauer

NOTES AND QUESTIONS



ROLLINS COLLEGE

WINTER PARK, FLORIDA

DATES TO REMEMBER

OCTOBER 15

**Deadline for Submitting Winter/Spring Independent Study
(Research/Tutorial) Proposals to Department Chairs**

OCTOBER 18 - 22

Registration for Off-Campus Studies

OCTOBER 29

**Deadline for Submitting Winter/Spring Independent Study
(Research/Tutorial) Proposals to Dean of Faculty**

NOVEMBER 5

**Deadline for Submitting Winter/Spring Internship
Proposals to Career Services**

NOVEMBER 8 - 12

Registration for Winter and Spring Terms

NOVEMBER 12

**Deadline for Application to the Engineering
Program at Washington University**

JANUARY 3

Winter Term Begins

JANUARY 5

Last Day to Drop or Add a Winter Term Course

JANUARY 21

Last Day to Withdraw Without Penalty

FEBRUARY 1

Spring Term Begins

